

REMARKS

Reconsideration and allowance of the above-referenced application are respectfully requested. The foregoing amendments are responsive to the September 26, 2001 Office Action. Applicants respectfully request entry of the requested amendments and reconsideration of the application in view of the following comments.

Amendments to the Specification

The specification is amended to state that the liquid-crystal display unit may be attached to the windshield of a vehicle, and specifically to show the attachment to an airplane. As explained on page 12, Fig. 9 is a diagram showing a state in which the liquid-crystal display is disposed in a front glass of a vehicle, and Fig. 10 shows the display in an airplane. Thus, no new matter is introduced by these changes.

Response to the Claim Rejections Under 35 U.S.C §§ 102 and 103

Claims 57-60, 62, and 63 are rejected under 35 U.S.C. § 102(a) as being anticipated by U.S. Patent No. 5,317,236 issued to Zavracky, et al. The rejection asserts that Zavracky allegedly teaches each element of the claims. Claims 1, 4-5, 7, 10-11, 29, 32-33, 35, and 38-39 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Zavracky in view of U.S. Patent No.

6,022,458 issued to Ichikawa. The rejection asserts that Zavracky allegedly teaches each element of the claims except for the element atom densities, which is allegedly taught by Ichikawa. Claims 2, 3, 8, 9, 13-15, 17-19, 22-23, 25-27, 30, 31, 36, 37, 41-43, 45-47, 49-51, and 53-55 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Zavracky in view of Ichikawa and in further view of U.S. Patent No. 4,988,976 issued to Lu. The rejection asserts that Zavracky and Ichikawa allegedly teaches each element of the claims except for the use of a heads-up display, which is allegedly taught by Lu. Claim 61 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Zavracky. The rejection asserts that Zavracky allegedly teaches each element of the claims except for alternative methods of polycrystalline silicon, which is allegedly well known in the art. Claims 5, 11, 15, 19, 23, 27, 33, 39, 43, 47, 51, 52, 55 and 56 are canceled herein, and new Claims 64-87 are added herein.

The present invention is directed toward a display unit having a channel formation region containing hydrogen, carbon, nitrogen, and oxygen atoms at particular densities. The rejection asserts Ichikawa teaches each of the element atom densities. However, Ichikawa merely decreases carbon atoms included in the film. Thus, Ichikawa does not teach or suggest the oxygen density or the nitrogen density that is included in

each of the independent claims. Although independent claims 1, 7, 13, 17, 25, 29, 35, 41, 45, 49, and 53 are amended herein, the rejection to these claims are overcome due to the oxygen and hydrogen densities and do not need to rely on the amendments herein.

In view of the foregoing distinctions, Applicants respectfully submit that independent Claims 1, 7, 13, 17, 21, 25, 29, 35, 41, 45, 49, and 53 are patentably distinguished over the cited art. Applicants respectfully submit that Claims 1, 7, 13, 17, 21, 25, 29, 35, 41, 45, 49, and 53 are in condition for allowance, and Applicants respectfully request allowance of Claims 1, 7, 13, 17, 21, 25, 29, 35, 41, 45, 49, and 53.

Claims 2-4, 8-10, 14, 18, 22, 26, 30-32, 36-38, 42, 46, 48-50, 54, and 64-87 depend either directly or indirectly from one of the independent claims. Each dependent claim further defines the independent claim from which it depends. In view of the foregoing remarks regarding Claims 1, 7, 13, 17, 21, 25, 29, 35, 41, 45, 49, and 53, Applicants respectfully submit that Claims 2-4, 8-10, 14, 18, 22, 26, 30-32, 36-38, 42, 46, 48-50, 54, and 64-87 are likewise in condition for allowance. Applicants respectfully request allowance of dependent Claims 2-4, 8-10, 14, 18, 22, 26, 30-32, 36-38, 42, 46, 48-50, 54, and 64-87.


Summary

In view of the above amendments and remarks, all of the claims should be in condition for allowance. A formal notice to that effect is respectfully solicited.

Enclosed is a \$344.00 check for excess claim fees and for the Petition for Extension of Time fee. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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